

## **ABSTRACT**

A liquid-proof protective-apparel sleeve includes a tubular inner piece of membrane laminated or coated fabric and a tubular outer piece of membrane laminated or coated fabric generally surrounding the tubular inner piece. In further detail, the tubular inner piece includes a stitched seam along its length, and the tubular outer piece includes a stitched seam along its length which is circumferentially offset from the seam of the tubular inner piece. If desired, the stitched seams may be generally free of a seam sealant. The liquid-proof protective-apparel sleeve and protective-apparel products incorporating the sleeve have a significantly greater liquid-resistance than conventional stitched-seam protective-apparel sleeves and protective-apparel products incorporating such sleeves. This enhanced liquid-resistance is achieved without a significant increase in acquisition costs, processing costs, and sleeve weight, and without sacrificing the comfortable feel typically associated with stitched-seam protective-apparel sleeves and protective-apparel products incorporating such sleeves.